

## Lower Fox TMDL Stormwater & MS4 Implementation

Storm water discharges from construction sites, industrial sites, and municipalities contain pollutants that contribute to the impairment of waters in the Lower Fox TMDL. Implementation of the TMDL via Wisconsin Pollution Discharge Elimination System (WPDES) Permits for these sources is as follows:

**Construction site** storm water discharges in Wisconsin are considered in compliance with provisions of the TMDL if they obtain a Construction Site Erosion and Sediment Control General Permit and properly select, install and maintain all BMPs required under the permit. Section NR 151 of Wisconsin Administrative Code limits sediment discharges from construction sites to 5 tons per acre per year during construction. New construction sites (both inside and outside of MS4 areas) are required to include storm water controls to reduce TSS by 80% (compared with no controls) under the Wisconsin Construction Site General Permit. Most BMPs used to reduce TSS also provide reduction of associated phosphorus.

**Industrial stormwater** activities in Wisconsin are considered in compliance with provisions of the TMDL if they obtain and comply with an industrial stormwater general permit under the WPDES program.

**Municipalities** permitted under a **Municipal Separate Storm Sewer System (MS4) General Permit** are assigned waste load allocations expressed in terms of % reduction in pollutants discharged from baseline. For the Lower Fox TMDL, baseline is assumed to be a 20% reduction in TSS and a 15% reduction in TP from a no controls condition. In 2018, MS4 permittees that discharge to the Lower Fox TMDL were required to assess their current level of pollution control via modeling software and submit implementation plans showing progress toward their assigned waste load allocations. Based on the implementation plans submitted by March 31, 2019, permitted MS4s in the Lower Fox TMDL are expected to decrease their pollutant discharges as follows:

### Draft MS4 Implementation Schedule

Condition/Year	Modeled TSS Discharge (tons/year)	Cumulative TSS Reduction (tons/year)	% TSS Reduction from No Controls Condition	Modeled TP Discharge (lbs/year)	Cumulative TP Reduction (lbs/year)	% TP Reduction from No Controls Condition
No Controls	11,551			69,735		
Existing Condition (c. 2016)	7,546	4,005	34.7%	51,081	18,654	26.7%
2020	7,422	4,129	35.8%	49,883	19,852	28.5%
2025	6,811	4,740	41.0%	48,158	21,577	30.9%
2030	6,623	4,929	42.7%	46,994	22,741	32.6%
2035	6,447	5,105	44.2%	46,181	23,554	33.8%
2040	6,317	5,235	45.3%	45,423	24,311	34.9%
Full TMDL Compliance		6,892	59.7%		30,201	43.3%

For more information on storm water runoff and MS4 Permits, respectively:

<https://dnr.wisconsin.gov/topic/Stormwater>

<https://dnr.wisconsin.gov/topic/Stormwater/municipal>

For accessing information regarding MS4s that have obtained municipal storm water permit coverage from the WDNR pursuant to subchapter I of NR 216, Wis. Adm. Code:

<https://dnr.wi.gov/topic/stormwater/data/municipal/index.asp>

For information regarding individual MS4 implementation plans:

<https://dnr.wisconsin.gov/permits/water>

Then use **Track** button – see below (no WAMS id is needed)

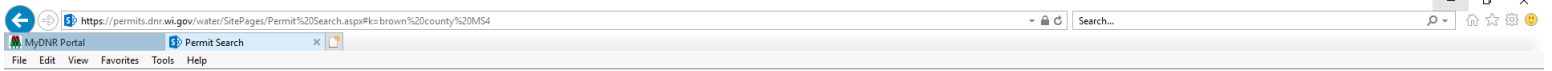
The screenshot shows the Wisconsin Department of Natural Resources website. The page title is "WATER PERMIT APPLICATIONS". Below the title, there is a paragraph: "For some of our permits, submit applications and other forms to the DNR online. Get a WAMS ID, complete an application, sign and pay fees in a few steps. Track permits and know exactly where they are in the permitting process." Below this paragraph are five buttons with descriptions:

- REGISTER** for a WAMS ID to access our Water ePermitting System to complete an online application.
- BEGIN** a new or edit an existing application, sign and pay fees online.\*
- VIEW** public notices of the DNR's intention to authorize activity relating to water, including permits issued to the DNR.
- TRACK** the status of Wisconsin water permits. (A red arrow points to this button.)
- LEARN** with instructional videos and user guides.

Below the buttons, there is a note: "\* = WAMS ID and password needed to log in." and a section titled "Water permit activities by category with options to start electronic or paper submittal process." with two expandable categories: "Agricultural livestock operations" and "Aquatic plant management".

On the right side of the page, there is a sidebar with a blue header "Permits, Licenses and Registrations" and a "Related Links" section containing "Sales Locations", "Resident Licenses", and "Non-resident Licenses".

Then enter the name of municipality that you wish to view MS4 information (for example, Brown County MS4)



Sign In



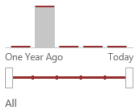
#### Filter Results

By Status

By County

By Type

Date Modified

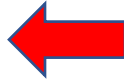


Clear Search Filters

## Welcome to the Wisconsin Department of Natural Resources Water Permit Application Site!

- All permits submitted to the DNR start at our intake stage and are visible here **only after** they have moved to the Reviewer stage
- Permits with status of Pending are under review.
- Select an application to view files related to a permit.
- <http://dnr.wi.gov/Permits/Water/> to return to the main Water Permit Application Site.
- [Create a new permit application](#)

Search by Applicant or Application or Project Name



Application	Applicant	Project Name	Type	County	Fee	Status
SW-MS-NE-2020-5-X04-27T14-56-08	Brown County	2019 Brown County MS4 Permit	Storm Water	Brown		Accepted
SW-MS-NE-2019-5-X04-30T16-25-59	Brown County	2018 WDNR MS4 Annual Report - Brown County MS4 Annual Report	Storm Water	Brown		Accepted
SW-MS-NE-2018-5-X04-11T14-36-15	Lawrence, Town	MS4 Annual Report	Storm Water	Brown		Accepted
SW-MS-NE-2018-45-X03-29T15-37-34	Buchanan, Town	Annual Report under MS4 General Permit	Storm Water	Outagamie		Accepted
SW-MS-NE-2018-5-X04-30T15-24-49	Brown County	Brown County MS4 Annual Report	Storm Water	Brown		Accepted
SW-MS-NE-2018-5-X04-06T10-44-39	Green Bay, City	2017 WDNR Annual MS4 Report	Storm Water	Brown		Accepted